

# Service Single-Piece Rim Wheels Safely

WAC 296-864-500

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### YOUR RESPONSIBILITY:

**To establish and use procedures to service single-piece rim wheels safely**

#### You must

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# Service Single-Piece Rim Wheels Safely

WAC 296-864-500

## Rule

**WAC 296-864-50005**

**Establish a safe operating procedure for single-piece rim wheels**

### You must

- Establish a safe operating procedure for servicing single-piece rim wheels that includes the procedures in WAC 296-864-50010 through 296-864-50020.
- Instruct employees in that procedure.

**WAC 296-864-50010**

**Follow these procedures for demounting single-piece rim wheels**

### You must

- Follow the relevant procedures in Table 4, Procedures for Demounting Single-Piece Wheel Components.

**Table 4**

**Procedures for Demounting Single-Piece Rim Wheels**

During these times	Then
At all times	Make sure mounting and demounting of the tire is done only from the narrow ledge side of the wheel.
When demounting rim wheels	Make sure tires are completely deflated before demounting by removal of the valve core.



# Service Single-Piece Rim Wheels Safely

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## Rule

WAC 296-864-50015

**Follow these procedures when working on single-piece rim wheels and components**

### You must

- Follow the relevant procedures in Table 5, Procedures for Working on Single-Piece Wheel Components.

**Table 5**  
**Procedures for Working on Single-Piece Rim Wheel Components**

During these times	Then
At all times	Avoid damaging the tire beads while mounting tires on wheels.
At all times	Make sure tires are mounted only on compatible wheels of matching bead diameter and width.
Before assembly of the rim wheel	Apply rubber lubricant to bead and wheel mating surfaces, unless the tire or wheel manufacturer recommends against the use of any rubber lubricant.
When using a tire changing machine	Make sure the tire is inflated only to the minimum pressure necessary to force the tire bead onto the rim ledge while on the tire changing machine.
When using a bead expander	Make sure it's removed: <ul style="list-style-type: none"><li>– Before the valve core is installed</li></ul> <b>and</b> <ul style="list-style-type: none"><li>– As soon as the rim wheel becomes airtight (the tire bead slips onto the bead seat).</li></ul>



#### Note:

- You shouldn't inflate tires above 40 psi to seat the bead.

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# Service Single-Piece Rim Wheels Safely

WAC 296-864-500

## Rule

WAC 296-864-50020

**Follow these procedures for inflating single-piece rim wheels**

### You must

- Inflate tires only when contained within a restraining device or bolted on the vehicle with the lug nuts fully tightened.
- Make sure tires aren't inflated when any flat, solid surface is in the trajectory and within one foot of the sidewall.
- Make sure employees stay out of the trajectory when inflating a tire.
- Make sure, when inflating tires, that the inflation pressure stamped in the sidewall isn't exceeded unless the manufacturer recommends a higher pressure.
- Make sure tires aren't inflated above the maximum pressure recommended by the manufacturer to seat the tire bead firmly against the rim flange.

